

Amendments to the Claims:

Claim 16 (currently amended): A method for applying personal information in the use of public Web services comprising:

- a) verifying a user's identity,
- b) associating one or more pairs of user input sequences and Uniform Resource Locators,
- c) connecting said pairs with said user's verified identity,
- d) storing said pairs connected with said user's identity in a database accessible on the public Internet,
- e) retrieving each of said pairs when a user input sequence included in a particular pair is needed by said user for entry at an associated Uniform Resource Locator included in said particular pair, and
- f) entering said user input sequence included in said particular pair into the Web page at said associated Uniform Resource Locator included in said particular pair, whereby said user can easily recall any personal information that said user needs to access and use Web services with minimal maintenance burden for said user.

Claim 24 (currently amended): A method for applying personal information in the use of public Web services comprising:

- a) verifying a user's identity by entry of a passphrase,
- b) encrypting said passphrase with one-way encryption to derive a User ID,
- c) associating one or more pairs of user input sequences and Uniform Resource Locators,
- d) encrypting said pairs with a key derived from said passphrase,
- e) connecting the encrypted pairs with said User ID,
- f) storing said encrypted pairs connected with said User ID in a database accessible on the public Internet,
- g) retrieving each of said encrypted pairs when a user input sequence included in a particular encrypted pair is needed by said user for entry at an associated Uniform

- Resource Locator included in said particular encrypted pair,
- h) decrypting said particular encrypted pair with said key derived from said passphrase, and
 - i) entering said user input sequence included in said particular encrypted pair into the Web page at said associated Uniform Resource Locator included in said particular encrypted pair,
- whereby said user can easily recall any personal information that said user needs to access and use Web services with minimal maintenance burden and a high degree of privacy for said user.

Claim 31 (currently amended): A computing system for applying personal information in the use of public Web services comprising:

- a) a user interface means for enabling a user to browse the World-Wide Web,
- b) a server means for storing and retrieving personal information,
- c) a network means for digital communications between said user interface means and said server means, and between said user interface means and a public Web service,
- d) a first means for verifying said user's identity,
- e) a second means for associating one or more pairs of user input sequences and Uniform Resource Locators,
- f) a third means for connecting said pairs with said user's verified identity,
- g) a fourth means for storing said pairs connected with said user's identity in a database accessible on the public Internet,
- h) a fifth means for retrieving each of said pairs when a user input sequence included in a particular pair is needed by said user for entry at an associated Uniform Resource Locator included in said particular pair, and
- i) a sixth means for entering said user input sequence included in said particular pair into the Web page at said associated Uniform Resource Locator included in said particular pair,

whereby said user can easily recall any personal information that said user needs to